

Message

From: Keclik, Donna [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=761C1EF023E448B39EA26887D7BD08B9-DKECLIK]
Sent: 3/11/2022 3:04:21 PM
To: Neuschler, Catherine (MPCA) [catherine.neuschler@state.mn.us]
Subject: RE: Birch Lake

Thank you Catherine, for getting this to me it will help in are briefing upper management.

Donna Keclik
Section Supervisor
Watersheds Section | Watersheds and Wetlands Branch
Water Division | Region 5 | U.S. EPA
77 W Jackson Blvd. WW-16J | Chicago IL 60604
312-886-6766 | keclik.donna@epa.gov

"Those who dwell, as scientists or laymen, among the beauties and mysteries of the earth, are never alone or weary of life."

— Rachel Carson

From: Neuschler, Catherine (MPCA) <catherine.neuschler@state.mn.us>
Sent: Wednesday, March 9, 2022 8:06 AM
To: Keclik, Donna <keclik.donna@epa.gov>
Subject: Birch Lake

Hi Donna -

Here is the basic outline of the response on Birch Lake:

- Yes, Birch Lake is a water used for production of wild rice
- Embayments still need to be considered; drivers are usually hydrological isolation, variations in depth and morphometry.
 - MPCA needs to look at the data, these bays are very small compared to overall lake
 - MPCA will work on getting information to better consider
- Since the lake is considered one waterbody for now, we combine all data
 - Long discussion of what data is needed and how it should be collected and why the data from two commenters (Water Legacy and Northeastern Minnesotans for Wilderness) is not sufficient
 - Brief discussion of data from 1854, which could be added to the assessment but we do not have it in our database; quick review shows that even adding it does not push to impaired status, also it should be considered more carefully because it is not the same as representative of the whole lake
- We appreciate all the information; comment raise issues that are important to consider
 - MPCA will continue to look at Birch Lake and gather data
 - Anyone who wants to gather data that is use in assessment should work with us

I did share the additional info from 1854 with Paul. We are planning a long data discussion with the Tribes to try to make sure we get all their data into EQuIS (or WQX). I think we are also likely to need a big picture conversation on whether buying lakes will become more necessary due to the wild rice sulfate standard and how we would do that. But that's still just an idea germinating in my head.

~Catherine

Catherine Neuschler | Manager
Water Assessment Section, Environmental Analysis and Outcomes Division

520 Lafayette Road N | Saint Paul, MN | 55155
651-757-2607 (o) | 651-470-4941 (c)
catherine.neuschler@state.mn.us | www.pca.state.mn.us
pronouns: she/her/hers



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